PowerPEX®

Type-B Tube Buying Information



Complete Offering

1/2" - 1-1/2" sizes, Red/White/Blue colors, 5306 Rating

Coils & Stick Bundles, Standard & Oxygen-Barrier

Certified & Approved

PowerPEX® tube is ideally suited for water distribution. Common applications include: water service/distribution, radiant heating, snow-melt systems, fire suppression, geothermal, etc.

ASTM F876/F877, CSA B137.5
Compatible with ASTM F1807/F2159/F1960/F3347 and ASSE 1061 fitting systems

Warranted

PowerPEX® tube carries a 25 year warranty on material & workmanship. See www.siouxchief.com for warranty details.

PowerPEX® tube can be mixed with other manufacturers' compatible tube & fittings systems.

Made In America

PowerPEX® tubing is proudly made in America.

PowerPEX® Type-B Tube

Type-B Stick Bundles*

ITEM NO.	DESCRIPTION	U/M	MIN. QTY.
5-ft Stick Bundles			
664X0W5M	PEX Tube 1/4" White	EA	50
664X1W5M	PEX Tube 3/8" White	EA	50
664X2B5M	PEX Tube 1/2" Blue	EA	25
664X2R5M	PEX Tube 1/2" Red	EA	25
664X2W5M	PEX Tube 1/2" White	EA	25
664X3B5M	PEX Tube 3/4" Blue	EA	10
664X3R5M	PEX Tube 3/4" Red	EA	10
664X3W5M	PEX Tube 3/4" White	EA	10
664X4W5M	PEX Tube 1" White	EA	10
10-ft Stick Bundles			
664X2B10	PEX Tube 1/2" Blue - 50/Bag (500-ft)	BG	1
664X2R10	PEX Tube 1/2" Red - 50/Bag (500-ft)	BG	1
664X2W10	PEX Tube 1/2" White - 50/Bag (500-ft)	BG	1
664X3B10	PEX Tube 3/4" Blue - 25/Bag (250-ft)	BG	1
664X3R10	PEX Tube 3/4" Red - 25/Bag (250-ft)	BG	1
664X3W10	PEX Tube 3/4" White - 25/Bag (250-ft)	BG	1
664X4B10	PEX Tube 1" Blue - 15/Bag (150-ft)	BG	1
664X4R10	PEX Tube 1" Red - 15/Bag (150-ft)	BG	1
664X4W10	PEX Tube 1" White - 15/Bag (150-ft)	BG	1
20-ft Stick Bundles			
664X2B20	PEX Tube 1/2" Blue - 50/Bag (1000-ft)	BG	1
664X2R20	PEX Tube 1/2" Red - 50/Bag (1000-ft)	BG	1
664X2W20	PEX Tube 1/2" White - 50/Bag (1000-ft)	BG	1
664X3B20	PEX Tube 3/4" Blue - 25/Bag (500-ft)	BG	1
664X3R20	PEX Tube 3/4" Red - 25/Bag (500-ft)	BG	1
664X3W20	PEX Tube 3/4" White - 25/Bag (500-ft)	BG	1
664X4B20	PEX Tube 1" Blue - 15/Bag (300-ft)	BG	1
664X4R20	PEX Tube 1" Red - 15/Bag (300-ft)	BG	1
664X4W20	PEX Tube 1" White - 15/Bag (300-ft)	BG	1
664X5W20	PEX Tube 1-1/4" White - 10/Bag (200-ft)	BG	1
664X6W20	PEX Tube 1-1/2" White - 8/Bag (160-ft)	BG	1
20-ft Stick Bundles, O_2 Barrier			
664X3H20	PEX Tube 3/4" Orange - 25/Bag (500-ft)	BG	1
664X4H20	PEX Tube 1" Orange - 5/Bag (100-ft)	BG	1

Type-B Coils

ITEM NO.	DESCRIPTION	U/M	MIN. QTY.
100-ft Coils			
665X8W100	PEX Tube 1/8" White 100-ft Coil	CL	1
665X0W100	PEX Tube 1/4" White 100-ft Coil	CL	1
665X1W100	PEX Tube 3/8" White 100-ft Coil	CL	1
665X2B100	PEX Tube 1/2" Blue 100-ft Coil	CL	1
665X2R100	PEX Tube 1/2" Red 100-ft Coil	CL	1
665X2W100	PEX Tube 1/2" White 100-ft Coil	CL	1
665X3B100	PEX Tube 3/4" Blue 100-ft Coil	CL	1
665X3R100	PEX Tube 3/4" Red 100-ft Coil	CL	1
665X3W100	PEX Tube 3/4" White 100-ft Coil	CL	1
665X4B100	PEX Tube 1" Blue 100-ft Coil	CL	1
665X4R100	PEX Tube 1" Red 100-ft Coil	CL	1
665X4W100	PEX Tube 1" White 100-ft Coil	CL	1
665X5W100	PEX Tube 1-1/4" White 100-ft Coil	CL	1
665X6W100	PEX Tube 1-1/2" White 100-ft Coil	CL	1
100-ft Coils, O_2 Barrier			
665X2H100	PEX Tube 1/2" Orange 100-ft Coil	CL	1
665X9H100	PEX Tube 5/8" Orange 100-ft Coil	CL	1
665X3H100	PEX Tube 3/4" Orange 100-ft Coil	CL	1
665X4H100	PEX Tube 1" Orange 100-ft Coil	CL	1

Type-B Coils Cont.

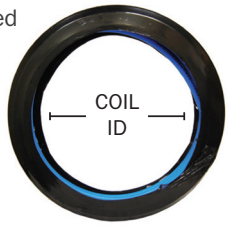
ITEM NO.	DESCRIPTION	U/M	MIN. QTY.
300-ft Coils			
665X2B300	PEX Tube 1/2" Blue 300-ft Coil	CL	1
665X2R300	PEX Tube 1/2" Red 300-ft Coil	CL	1
665X2W300	PEX Tube 1/2" White 300-ft Coil	CL	1
665X3B300	PEX Tube 3/4" Blue 300-ft Coil	CL	1
665X3R300	PEX Tube 3/4" Red 300-ft Coil	CL	1
665X3W300	PEX Tube 3/4" White 300-ft Coil	CL	1
665X4B300	PEX Tube 1" Blue 300-ft Coil	CL	1
665X4R300	PEX Tube 1" Red 300-ft Coil	CL	1
665X4W300	PEX Tube 1" White 300-ft Coil	CL	1
665X5W300	PEX Tube 1-1/4" White 300-ft Coil	CL	1
665X6W300	PEX Tube 1-1/2" White 300-ft Coil	CL	1
300-ft Coils, O_2 Barrier			
665X2H300	PEX Tube 1/2" Orange 300-ft Coil	CL	1
665X9H300	PEX Tube 5/8" Orange 300-ft Coil	CL	1
665X3H300	PEX Tube 3/4" Orange 300-ft Coil	CL	1
665X4H300	PEX Tube 1" Orange 300-ft Coil	CL	1
500-ft Coils			
665X2B500	PEX Tube 1/2" Blue 500-ft Coil	CL	1
665X2R500	PEX Tube 1/2" Red 500-ft Coil	CL	1
665X2W500	PEX Tube 1/2" White 500-ft Coil	CL	1
665X3B500	PEX Tube 3/4" Blue 500-ft Coil	CL	1
665X3R500	PEX Tube 3/4" Red 500-ft Coil	CL	1
665X3W500	PEX Tube 3/4" White 500-ft Coil	CL	1
665X4B500	PEX Tube 1" Blue 500-ft Coil	CL	1
665X4R500	PEX Tube 1" Red 500-ft Coil	CL	1
665X4W500	PEX Tube 1" White 500-ft Coil	CL	1
500-ft Coils, O_2 Barrier			
665X2H500	PEX Tube 1/2" Orange 500-ft Coil	CL	1
665X9H500	PEX Tube 5/8" Orange 500-ft Coil	CL	1
665X3H500	PEX Tube 3/4" Orange 500-ft Coil	CL	1
665X4H500	PEX Tube 1" Orange 500-ft Coil	CL	1
1000-ft Coils			
665X2B1000	PEX Tube 1/2" Blue 1000-ft Coil	CL	1
665X2R1000	PEX Tube 1/2" Red 1000-ft Coil	CL	1
665X2W1000	PEX Tube 1/2" White 1000-ft Coil	CL	1
1000-ft Coils, O_2 Barrier			
665X2H1000	PEX Tube 1/2" Orange 1000-ft Coil	CL	1
665X9H1000	PEX Tube 5/8" Orange 1000-ft Coil	CL	1
1200-ft Coils, O_2 Barrier			
665X2H1200	PEX Tube 1/2" Orange 1000-ft Coil	CL	1

Fitting/Tube Compatibility

ASTM F1807	✓ Approved
ASTM F2159	✓ Approved
ASTM F1960	✓ Approved
ASTM F3347/F3348	✓ Approved
ASSE 1061	✓ Approved

Packaging

Sioux Chief PowerPEX tubing is packaged in black uv-resistant bags and shrink film. The wrap keeps the pipe free of dust, debris, paint or other harmful contaminants and free from direct sunlight exposure. Black-wrapped coils allow pipe to be pulled from the center for ease of use.



TUBE SIZE	COIL LENGTH	COIL ID	COIL WIDTH	COILS PER PALLET	PALLET SIZE
1/8" (1/4" OD)	100-ft	22"	1-1/8"	25	30" × 30"
1/4" (3/8" OD)	100-ft	22"	2-1/8"	25	30" × 30"
3/8" CTS	100-ft	22"	2-1/8"	25	30" × 30"
1/2" CTS	100-ft	24"	2-1/4"	25	30" × 30"
1/2" CTS	250-ft	24"	5-1/8"	12	30" × 30"
1/2" CTS	300-ft	24"	6-1/8"	10	30" × 30"
1/2" CTS	500-ft	24"	8-1/8"	8	30" × 30"
1/2" CTS	1000-ft	24"	11-3/16"	5	30" × 30"
1/2" CTS	1,200-ft	24"	11"	4	30" × 32"
5/8" CTS	100-ft	24"	6"	17	30" × 30"
5/8" CTS	300-ft	24"	8"	7	30" × 30"
5/8" CTS	500-ft	24"	10"	4	30" × 30"
5/8" CTS	1,000-ft	24"	10"	4	30" × 30"
3/4" CTS	100-ft	24"	3-3/4"	19	30" × 30"
3/4" CTS	250-ft	24"	7-3/4"	8	30" × 30"
3/4" CTS	300-ft	24"	8-1/8"	6	30" × 30"
3/4" CTS	500-ft	24"	11-3/16"	4	30" × 30"
1" CTS	100-ft	24"	5-7/8"	10	30" × 30"
1" CTS	300-ft	30"	10-1/8"	4	30" × 30"
1" CTS	500-ft	30"	12"	4	30" × 30"
1-1/4" CTS	100-ft	24"	5"	10	32" × 32"
1-1/4" CTS	300-ft	30"	5"	8	32" × 32"
1-1/2" CTS	100-ft	68"	7"	10	72" × 72"
1-1/2" CTS	300-ft	68"	11"	5	72" × 72"

Handling

Read the PowerPEX Installation Manual prior to installation. Tube should be protected from being gouged or scraped during handling. Cut tube square and clean. Keep tubing out of direct sunlight. Ultra-violet exposure, chlorine resistance and pressure/temperature ratings are located on tube print stream (see number key below)



Tube Type Identification Mark Example: *5306*

Integer 1: (chlorine resistance) Per ASTM F2023
0 = Not tested
1 = 25% use @ 140°F & 75% Use @ 73°F
3 = 50% use @ 140°F & 50% Use @ 73°F
5 = 100% use @ 140°F

Integer 2: (min. UV resistance) Per ASTM F2657
0 = Not tested for UV exposure
1 = Max. exposure of 1 month
2 = Max. exposure of 3 months
3 = Max. exposure of 6 months

Integers 3 & 4: (HDS @ 73°F) x 100 psi
06 = 630 psi

PEX Tubing Applications

PEX tubing is ideally suited for potable water plumbing applications. It is flexible, making it easy to install and service. It is also able to withstand the high and low temperatures found in plumbing and heating applications and is highly resistant to chemicals found in the plumbing environment.

Common Application Types:
- Water service
- Potable water plumbing
- Hydronic / radiant cooling
- Hydronic / radiant heating*
- Snow / ice melting systems*
- Turf conditioning systems
- Permafrost systems
- Water reclamation
- Fire suppression**
- Mixed (plumbing + fire suppression, etc.)
- No Lead systems
- Geothermal
- Dezincification resistant systems

* Special system component consideration and elimination of ferrous components must be made for radiant or snow melt systems when using non-barrier tubing.
** Check with local codes and applicable requirements.

Installation

All installations of PowerPEX tubing MUST be performed according to the PowerPEX Installation Manual.
See: www.siouxchief.com/technical
Tube should be protected during handling. Current ratings for ultra-violet exposure, chlorine resistance and pressure are located on tube print stream. All installations of PowerPEX tube should be pressure tested prior to use. Follow all applicable local and national codes.

Coil Unwinder

The unwinder remains in place on three stable legs with adjustable feet while the coil swivels freely, making it easy for users to pull tubing as needed.
Item no: 305-X665



*Shipping Sticks

PEX tube bundles (sticks) can be shipped in any quantity when freight is paid by customer. Rules for freight-paid orders are based on destination. Generally, for routes taking 3 days or more, PEX tube bundles may only be included on orders of $40,000 Net or more; For 2-day routes, on orders of $30,000 Net or more; For 1-day routes, on orders of $20,000 Net or more; For local/pick-up, on orders of $10,000 Net or more. In all cases, if less than 10 bundles are ordered, Sioux Chief will apply a $100 surcharge to the line. Consult your local Rep for requirements in your area.
Coils may be ordered in any quantity, and on orders of any amount.

TAKE THE FIELD.

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Sioux Chief